

Milk Sanitation Honor Roll for 1960-61

Forty-six communities have been added to the Public Health Service milk sanitation "honor roll," and 53 communities on the previous list have been dropped. This revision covers the period from January 1, 1960, to December 31, 1961, and includes a total of 260 cities and 130 counties.

Communities on the honor roll have complied substantially with the various items of sanitation contained in the milk ordinance recommended by the U.S. Public Health Service. The State milk sanitation authorities concerned report this compliance to the Service. The rating of 90 percent or more, which is necessary for inclusion on the list, is computed from the weighted average of the percentages of compliance. Separate lists are compiled for communities in which all market milk sold is pasteurized, and for those in which both raw milk and pasteurized milk are sold.

The recommended milk ordinance, on which the milk sanitation ratings are based, is now in effect through

This compilation is from the Milk and Food Program, Division of Environmental Engineering and Food Protection, Public Health Service. The previous listing, with a summary of rules under which a community is included, was published in Public Health Reports, October 1961, pp. 939-942. The rating method is described in PHS Publication No. 678 (Methods of Making Sanitation Ratings of Milksheds).

voluntary adoption in 508 counties and 1,430 municipalities. The ordinance also serves as the basis for the regulations of 36 States. In 16 States it is in effect statewide.

The ratings do not represent a complete measure of safety, but they do indicate how closely a community's milk supply conforms with the standards for grade A milk as

stated in the recommended ordinance. High-grade pasteurized milk is safer than high-grade raw milk because of the added protection of pasteurization. The second list, therefore, shows the percentage of pasteurized milk sold in a community which also permits the sale of raw milk.

Although semiannual publication of the list is intended to encourage communities operating under the recommended ordinance to attain and maintain a high level of enforcement of its provisions, no comparison is intended with communities operating under other milk ordinances. Some communities might be deserving of inclusion, but they cannot be listed because no arrangements have been made for determination of their ratings by the State milk sanitation authority concerned. In other cases, the ratings which were submitted have lapsed because they are more than 2 years old. Still other communities, some of which may have high-grade milk supplies, have indicated no desire for rating or inclusion on this list.

Communities awarded milk sanitation ratings of 90 percent or more, and date of rating during 1960-61

100 PERCENT OF MARKET MILK PASTEURIZED

| | | | |
|-----------------------------------|----------------------------------|---------------------------|--|
| <i>Arkansas</i> | <i>District of Columbia</i> | <i>Georgia—Continued</i> | <i>Illinois—Continued</i> |
| Fort Smith..... 7-19-61 | Washington..... 10-20-61 | Thomasville..... 6-27-61 | North Shore municipali- ties..... 6-21-60 |
| <i>Colorado</i> | <i>Georgia</i> | Troup co..... 10-13-60 | Glencoe |
| Colorado Springs..... 10-...-60 | Albany..... 10-13-61 | Valdosta..... 2-10-61 | Kenilworth |
| Denver and Denver co.. 2-...-61 | Athens-Clarke co..... 9- 8-61 | Washington..... 11-17-61 | Lake Bluff |
| Northeast Districts..... 1-...-61 | Atlanta-Fulton co..... 11- 8-61 | Waycross..... 6-23-61 | Lake Forest |
| Logan co. | Augusta..... 2-17-61 | <i>Idaho</i> | Northfield |
| Morgan co. | Brunswick-Glynn co... 12-15-60 | Blackfoot..... 4- 5-60 | Wilmette |
| Phillips co. | Cairo..... 6-29-61 | Grangeville..... 12- 8-60 | Winnetka |
| Sedgwick co. | Calhoun-Gordon co... 7-27-60 | Lewiston..... 12-12-60 | Peoria..... 5-18-61 |
| Yuma co. | Cartersville-Bartow co. 12- 1-60 | Pocatello..... 2-13-61 | <i>Indiana</i> |
| Pueblo co..... 4-...-61 | Columbus..... 12- 8-61 | Rigby..... 4- 6-60 | Evansville..... 5-26-60 |
| San Juan Basin..... 11-16-61 | Dalton-Whitfield co... 12- 8-61 | <i>Illinois</i> | <i>Iowa</i> |
| Archuleta co. | Fitzgerald..... 11-22-61 | Chicago..... 3- 3-61 | Ames..... 3-15-60 |
| Dolores co. | Macon..... 4-14-61 | Elgin..... 12-20-60 | Boone..... 3- 4-60 |
| LaPlata co. | Quitman..... 6- 9-61 | | |
| Weld co..... 1-26-61 | Savannah-Chatham co. 12- 1-61 | | |

**Communities awarded milk sanitation ratings of 90 percent or more, and date of rating during
1960-61—Continued**

100 PERCENT OF MARKET MILK PASTEURIZED

| | | | | | | | |
|-----------------------------------|----------|----------------------------------|----------|-----------------------|----------|---|----------|
| <i>Iowa—Continued</i> | | <i>Kentucky—Continued</i> | | <i>North Carolina</i> | | <i>North Carolina—Con.</i> | |
| Burlington..... | 3-17-60 | Pendleton co..... | 8-10-60 | Alamance co..... | 9-16-60 | Wilkes co..... | 5-25-60 |
| Cedar Falls..... | 9-19-61 | Princeton..... | 7-20-60 | Alexander co..... | 11-29-60 | Wilson co..... | 6-19-61 |
| Cedar Rapids..... | 8-18-60 | Richmond-Madison co.. | 6-14-61 | Alleghany co..... | 10-30-61 | <i>Oklahoma</i> | |
| Clarion..... | 10-4-61 | Russellville..... | 5-1-61 | Anson co..... | 8-31-60 | Oklahoma City..... | 10-28-60 |
| Clear Lake..... | 12-8-60 | Shelbyville-Shelby co.. | 6-15-60 | Ashe co..... | 10-30-61 | Okmulgee..... | 10-4-60 |
| Corydon..... | 2-2-60 | Smithland-Livingston co..... | 3-1-60 | Beaufort co..... | 5-25-61 | Ponca City..... | 9-30-60 |
| Davenport..... | 5-12-60 | Taylorsville-Spencer co..... | 6-16-60 | Bertie co..... | 6-9-60 | <i>Tennessee</i> | |
| Des Moines..... | 6-3-60 | Webster co..... | 6-20-60 | Brunswick co..... | 1-3-61 | Athens..... | 7-21-61 |
| Dubuque..... | 4-7-60 | <i>Mississippi</i> | | Burke co..... | 9-27-60 | Columbia..... | 9-28-60 |
| Eagle Grove..... | 10-7-61 | Biloxi..... | 7-20-61 | Cabarrus co..... | 11-8-60 | Cookeville..... | 6-30-60 |
| Estherville..... | 6-10-60 | Booneville..... | 10-12-60 | Camden co..... | 6-9-60 | Covington..... | 11-29-60 |
| Fort Dodge..... | 5-10-61 | Brookhaven..... | 11-16-61 | Catawba co..... | 11-29-60 | Fayetteville..... | 6-30-60 |
| Grinnell..... | 6-1-61 | Canton..... | 6-9-60 | Chowan co..... | 6-9-60 | Greeneville..... | 4-27-60 |
| Ida Grove..... | 4-22-60 | Cleveland..... | 7-14-60 | Cleveland co..... | 9-12-60 | Huntingdon..... | 10-26-60 |
| Iowa City..... | 8-25-60 | Columbia..... | 5-25-60 | Craven co..... | 4-10-61 | Jackson-Madison co.... | 9-1-60 |
| Lake View..... | 4-20-60 | Columbus..... | 5-4-60 | Cumberland co..... | 11-1-61 | Jamestown..... | 10-17-60 |
| Le Mars..... | 1-28-60 | Corinth..... | 7-19-61 | Currituck co..... | 6-8-60 | Kingston..... | 8-16-60 |
| Lytton..... | 10-3-61 | Eupora..... | 9-26-61 | Dare co..... | 6-8-60 | Knoxville..... | 5-2-61 |
| Manning..... | 4-20-60 | Greenville..... | 7-25-60 | Davidson co..... | 9-8-61 | Lebanon..... | 7-5-61 |
| Marshalltown..... | 5-11-61 | Greenwood..... | 2-2-60 | Durham co..... | 8-10-61 | Lewisburg..... | 10-25-60 |
| Mason City..... | 1-20-60 | Grenada..... | 10-19-61 | Edgecombe co..... | 3-15-61 | Loudon..... | 5-23-60 |
| Mount Pleasant..... | 5-16-60 | Guilford..... | 7-18-61 | Forsyth co..... | 6-24-60 | McMinnville..... | 4-24-61 |
| Ottumwa..... | 10-7-60 | Hattiesburg..... | 2-23-60 | Gaston co..... | 10-12-61 | Manchester..... | 10-12-60 |
| Paullina..... | 7-20-60 | Iuka..... | 10-13-60 | Gates co..... | 7-21-60 | Maryville and Alcoa... | 3-29-60 |
| Pocahontas..... | 10-2-61 | Jackson..... | 8-15-61 | Graham co..... | 11-15-61 | Memphis..... | 8-29-60 |
| Rockwell City..... | 10-2-61 | Kosciusko..... | 4-25-60 | Guilford co..... | 3-31-61 | Mount Pleasant..... | 9-26-60 |
| Sanborn..... | 1-25-61 | Laurel..... | 4-20-61 | Halifax co..... | 2-9-61 | Murfreesboro..... | 5-22-61 |
| Sioux City..... | 4-29-60 | Lucedale..... | 8-17-60 | Harnett co..... | 8-11-60 | Nashville-Davidson co.. | 10-9-61 |
| Spencer..... | 2-26-60 | Meadville..... | 8-23-60 | Haywood co..... | 11-10-61 | Paris..... | 11-21-60 |
| Washington..... | 7-1-60 | Meridian..... | 7-26-61 | Henderson co..... | 8-30-60 | Pulaski..... | 8-1-61 |
| Waterloo..... | 9-15-61 | Monroe co..... | 5-3-61 | Hertford co..... | 7-21-60 | Rogersville..... | 4-26-60 |
| Webster City..... | 10-8-61 | Morton..... | 5-11-61 | Iredell co..... | 5-29-61 | Sevier co..... | 1-5-61 |
| <i>Kentucky</i> | | Oxford..... | 5-2-61 | Jackson co..... | 4-19-61 | Sparta..... | 7-14-60 |
| Ashland-Boyd co..... | 2-16-61 | Pascagoula..... | 8-18-60 | Lenoir co..... | 1-20-61 | Sullivan co (Bristol and Kingsport)..... | 4-18-61 |
| Benton..... | 3-2-60 | Picayune..... | 4-18-61 | Lincoln co..... | 11-29-60 | Tullahoma..... | 10-10-60 |
| Bowling Green-Warren co..... | 11-16-60 | Starkville..... | 1-9-61 | Macon co..... | 4-19-61 | Waverly..... | 8-22-60 |
| Brandenburg..... | 6-8-61 | State College..... | 1-9-61 | Madison co..... | 6-15-60 | <i>Texas</i> | |
| Campbellsville..... | 1-2-61 | Tupelo..... | 9-20-60 | Martin co..... | 7-7-60 | Abilene..... | 7-21-61 |
| Covington..... | 3-1-61 | West Point..... | 5-18-60 | Mecklenburg co..... | 6-9-61 | Amarillo..... | 4-28-61 |
| Cynthiana-Harrison co.. | 8-9-60 | <i>Missouri</i> | | Montgomery co..... | 4-7-60 | Beaumont..... | 4-4-61 |
| Danville-Boyle co..... | 2-11-60 | Cape Girardeau..... | 8-16-60 | Moore co..... | 7-13-60 | Dallas..... | 12-14-60 |
| Flemingsburg-Fleming co..... | 8-8-60 | Kansas City..... | 7-25-61 | New Hanover co..... | 10-20-61 | Edinburg..... | 1-25-60 |
| Frankfort..... | 7-5-61 | Rolla..... | 11-29-60 | Northampton co..... | 8-16-60 | Galveston..... | 1-24-61 |
| Fulton co..... | 1-19-61 | St. Joseph..... | 10-12-61 | Onslow co..... | 8-28-61 | Grand Prairie..... | 4-19-61 |
| Glasgow..... | 12-15-60 | St. Louis..... | 3-7-61 | Pamlico co..... | 8-31-61 | Greenville..... | 5-15-61 |
| Greenville..... | 3-30-60 | St. Louis co..... | 7-19-60 | Pasquotank co..... | 6-9-60 | Houston..... | 6-8-60 |
| Harlan..... | 8-8-61 | Springfield..... | 3-21-60 | Pender co..... | 10-25-61 | Jacksonville..... | 3-17-61 |
| Henderson-Henderson co..... | 8-15-61 | <i>Nebraska</i> | | Perquimans co..... | 6-9-60 | Lubbock..... | 9-2-60 |
| Hodgenville..... | 9-6-60 | Omaha..... | 8-26-60 | Pitt co..... | 7-7-60 | Lufkin..... | 5-22-61 |
| Hopkinsville-Christian co..... | 4-21-60 | <i>Nevada</i> | | Randolph co..... | 5-11-60 | McAllen..... | 1-26-60 |
| Louisville-Jefferson co.. | 9-22-61 | Washoe-Churchill cos... 6.....61 | | Richmond co..... | 5-12-60 | Mercedes..... | 1-26-60 |
| Lyon co..... | 3-1-60 | <i>New Mexico</i> | | Rockingham co..... | 5-3-60 | Paris..... | 3-10-61 |
| Mayfield..... | 12-2-60 | Albuquerque..... | 7-21-60 | Rocky Mount..... | 9-22-61 | Plainview..... | 6-27-61 |
| Maysville-Mason co..... | 12-20-60 | Artesia..... | 11-1-60 | Rowan co..... | 2-20-61 | San Antonio..... | 4-12-61 |
| McLean co..... | 3-28-60 | Carlsbad..... | 11-2-60 | Sampson co..... | 11-1-60 | Texarkana..... | 4-7-61 |
| Monticello-Wayne co.... | 4-21-60 | Clovis..... | 8-4-60 | Scotland co..... | 6-23-60 | Tyler..... | 2-8-61 |
| Murray-Calloway co.... | 1-7-60 | Farmington..... | 7-8-60 | Stanly co..... | 6-15-61 | Wichita Falls..... | 10-21-60 |
| Newport..... | 2-28-61 | Portales..... | 10-29-60 | Stokes co..... | 5-24-60 | <i>Utah</i> | |
| Owensboro..... | 2-5-60 | | | Swain co..... | 4-19-61 | Logan..... | 6-10-60 |
| Owenton..... | 8-12-60 | | | Tyrrell co..... | 2-18-60 | Ogden..... | 2-25-60 |
| Paducah-McCracken co.. | 11-30-60 | | | Union co..... | 8-3-60 | Salt Lake City..... | 11-22-61 |
| | | | | Wake co..... | 5-3-61 | Utah Co..... | 3-23-60 |
| | | | | Warren co..... | 10-30-60 | | |
| | | | | Washington co..... | 2-18-60 | | |
| | | | | Watauga co..... | 10-30-61 | | |
| | | | | Wayne co..... | 10-11-61 | | |

Communities awarded milk sanitation ratings of 90 percent or more, and date of rating during 1960-61—Continued

100 PERCENT OF MARKET MILK PASTEURIZED

| <i>Virginia</i> | <i>Virginia—Continued</i> | <i>West Virginia</i> | <i>Wisconsin—Continued</i> |
|-------------------------------|---------------------------|---|------------------------------|
| Alexandria..... 5-11-61 | Portsmouth..... 2-24-61 | McDowell co..... 8- 1-60 | Kenosha..... 7-12-61 |
| Blacksburg..... 9-22-60 | Radford..... 9-22-60 | | La Crosse..... 8-12-60 |
| Bristol..... 10-25-61 | Richmond..... 4-25-60 | <i>Wisconsin</i> | Madison..... 4-10-61 |
| Christiansburg..... 9-22-60 | Roanoke..... 7- 8-60 | Appleton..... 1- 5-61 | Manitowoc..... 3-14-61 |
| Colonial Heights..... 4-14-61 | Staunton..... 3- 8-60 | Beaver Dam..... 6-30-61 | Neena-Menashah..... 11-10-60 |
| Front Royal..... 7-27-61 | Waynesboro..... 4-21-60 | Eau Claire..... 2-10-61 | Racine..... 12-15-60 |
| Hampton..... 4-20-61 | | Intercity Control Council..... 12- 2-60 | Ripon..... 6-30-61 |
| Lynchburg..... 6-20-61 | <i>Washington</i> | Burlington | Sheboygan..... 6-28-61 |
| Marion..... 9-28-61 | Everett..... 9-28-61 | Elkhorn | Stevens Point..... 2- 1-61 |
| Newport News..... 5-10-61 | Spokane..... 9-27-60 | Fort Atkinson | Two Rivers..... 5- 3-61 |
| Norfolk..... 6- 3-60 | Tacoma..... 7-18-61 | Kaukauna..... 1- 4-61 | Waupun..... 6-30-61 |
| Petersburg..... 11- 7-60 | Whitman co..... 10-27-60 | | Wausau..... 8-26-60 |

BOTH RAW AND PASTEURIZED MARKET MILK ¹

| <i>Arkansas</i> | <i>Iowa</i> | <i>Montana</i> | <i>Texas</i> |
|--|---|---------------------------------|--|
| Paragould (99.1)..... 10-11-61 | Carroll (98.5)..... 5-14-60 | Missoula (99.35)..... 12-16-60 | Fort Worth (99.9)..... 5-25-61 |
| | | | Marshall (99)..... 4-28-61 |
| <i>Georgia</i> | <i>Kentucky</i> | <i>North Carolina</i> | <i>Virginia</i> |
| Americus-Sumter co (92.7)..... 7-21-61 | Lexington-Fayette co (99.7)..... 5-12-60 | Caldwell co (97.7)..... 6- 7-60 | Danville (99.6)..... 10-28-60 |
| Moultrie (96.8)..... 3-17-61 | Madisonville-Hopkins co (99.8)..... 7-21-60 | Robeson co (98.2)..... 2-24-60 | |
| Newnan (98.1)..... 4- 5-61 | Somerset-Pulaski co (96)..... 6-10-60 | | <i>Washington</i> |
| | | | Benton-Franklin cos (98.5)..... 10-24-60 |
| <i>Idaho</i> | <i>Missouri</i> | <i>Oklahoma</i> | Seattle-King co (98.95)..... 3-14-61 |
| Ada co (95)..... 12-12-60 | Joplin (98.5)..... 1-31-61 | Shawnee (98.98)..... 1-29-60 | |
| Canyon co (98.2)..... 12-12-60 | | Stillwater (99.7)..... 5-26-60 | <i>West Virginia</i> |
| | | | Monongalia co (98.4)..... 7-15-60 |
| | | <i>Tennessee</i> | |
| | | Harriman (95)..... 8-16-60 | |

¹ Figures in parentheses show the percentage of the milk pasteurized.

NOTE: In these communities the pasteurized market milk shows a 90 percent or more compliance with the grade A pasteurized milk requirements, and the raw market milk shows a 90 percent or more compliance with the grade A raw milk requirements of the milk ordinance recommended by the U.S. Public Health Service.

Notice particularly the percentage of the milk pasteurized in the various communities listed. This percentage is an important factor to consider in estimating the safety of a city's milk supply. All milk should be pasteurized, whether commercially or at home, before it is consumed.

Information Retrieval

A \$300,000 grant extending over a 3-year period has been awarded to the Institute for Scientific Information, Philadelphia, Pa., to study the practicability of citation indexes and to test techniques for their preparation. The project, under joint sponsorship of the National Institutes of Health, Public Health Service, and the National Science Foundation, is aimed at producing a unified citation index for science, including the publication of a genetics index.

An article processed for citation indexing would be called a "referant." All the items in the bibliography would be called "references." The citation index is a list of these references, each followed by its associated list of referants. By using a citation index, researchers can see what works have cited a particular reference and what literature in their own or related fields has been published.

Federal Publications

A Digest of State Air Pollution Laws, 1961 supplement. *PHS Publication No. 711; revised 1960; 37 pages; 30 cents.*

A digest of air pollution control statutes enacted in 1961 and a section entitled "Pen and Ink Corrections," which lists technical amendments to existing statutes, update the 1960 edition. A paper, "Guiding Principles—State Air Pollution Legislation," which deals with the essential elements of air pollution statutes is also included.

This supplement should be useful both as a ready reference on current air pollution legislation and as a guide for the formulation of new or revised statutes.

Second Conference on Gerontology and Geriatrics, Moscow, 1960. A translation from the Russian. *PHS Publication No. 884; 1961; 81 pages; 35 cents.*

Abstracts of 64 papers given at the conference are presented. They include reviews of research on the structural, physiological, and biochemical aspects of aging. In addition, there are several papers on the social aspects of aging, including physical culture programs for older people.

Digest of State Dental Health Programs, 1961. *PHS Publication No. 889; 152 pages.*

The first official comprehensive overview of State dental health programs since 1939, this publication offers concise descriptions of public dental care programs in the 50 States, 3 Territories, and the District of Columbia for fiscal year 1961.

It includes information on the history and organizational structure of the programs, the sources and allocations of funds, personnel and budget matters, program activities, and services under five general headings: prevention and diagnosis, dental

care, dental health education, and teaching. In addition, it contains limited data on dental programs of State agencies other than health departments.

Health Manpower Source Book. Hospital house staffs. *PHS Publication No. 263, section 13; by William H. Stewart and Marion E. Altenderfer; 1961; 43 pages; 30 cents.*

Data on the number of hospitals approved for intern and resident training, number of house staff positions offered and filled, and the number of graduates of foreign medical schools in such positions are presented for a 20-year period. Information on type and length of internships and the specialties in which residency training is offered is included. The material is presented by control, size, and medical school affiliation of hospitals. Appendix tables show data for each geographic region, division, and State.

Public Health Service Grants and Awards by the National Institutes of Health. *PHS Publication No. 883; Part I. 459 pages; 1961; \$1.25. Part II. 205 pages; 1961; 55 cents.*

Part I contains detailed information on nature, distribution, and amounts of awards for research and construction of research facilities to non-federal institutions during fiscal year 1961.

Part II is an accounting, by State and institution, of training grants, research fellowships, and traineeships for advanced training in the medical and biological sciences during fiscal year 1961.

Sources of Morbidity Data, Listing No. 9. *PHS Publication No. 888; 1961; 86 pages.*

Ninety-eight current morbidity projects, not previously listed, are described. Projects of illness and disease are grouped according to dis-

ease category. Projects concerned with dental conditions, injuries, and physical impairments are also described. As in Listing No. 8, this listing includes an index by kind of population studied, organizations chiefly responsible for the undertaking, and principal investigators. A section of supplementary notes gives the status of incomplete studies from previous listings.

The listings are published primarily for use by research workers in the fields of public health and medicine. Tearsheets of project descriptions are available.

Public Health Service Grants and Awards by the National Institutes of Health. *PHS Publication No. 777, Part III. 384 pages; 1961; \$1.*

Summary tables are presented for the total extramural program of NIH for fiscal years 1959 and 1960.

Measles (Rubeola). *PHS Publication No. 303 (Health Information Series No. 24); leaflet; revised 1961; 5 cents, \$2 per 100.* Describes disease, symptoms, and treatment. Urges protection against exposure for children under 5 and sickly children and emphasizes the danger of secondary infections. Also stresses the benefits of passive immunization.

This section carries announcements of new publications prepared by the Public Health Service and of selected publications prepared with Federal support.

Unless otherwise indicated, publications for which prices are quoted are for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C. Orders should be accompanied by cash, check, or money order and should fully identify the publication. Public Health Service publications which do not carry price quotations, as well as single sample copies of those for which prices are shown, can be obtained without charge from the Public Inquiries Branch, Office of Information, Public Health Service, Washington 25, D.C.

The Public Health Service does not supply publications other than its own.
